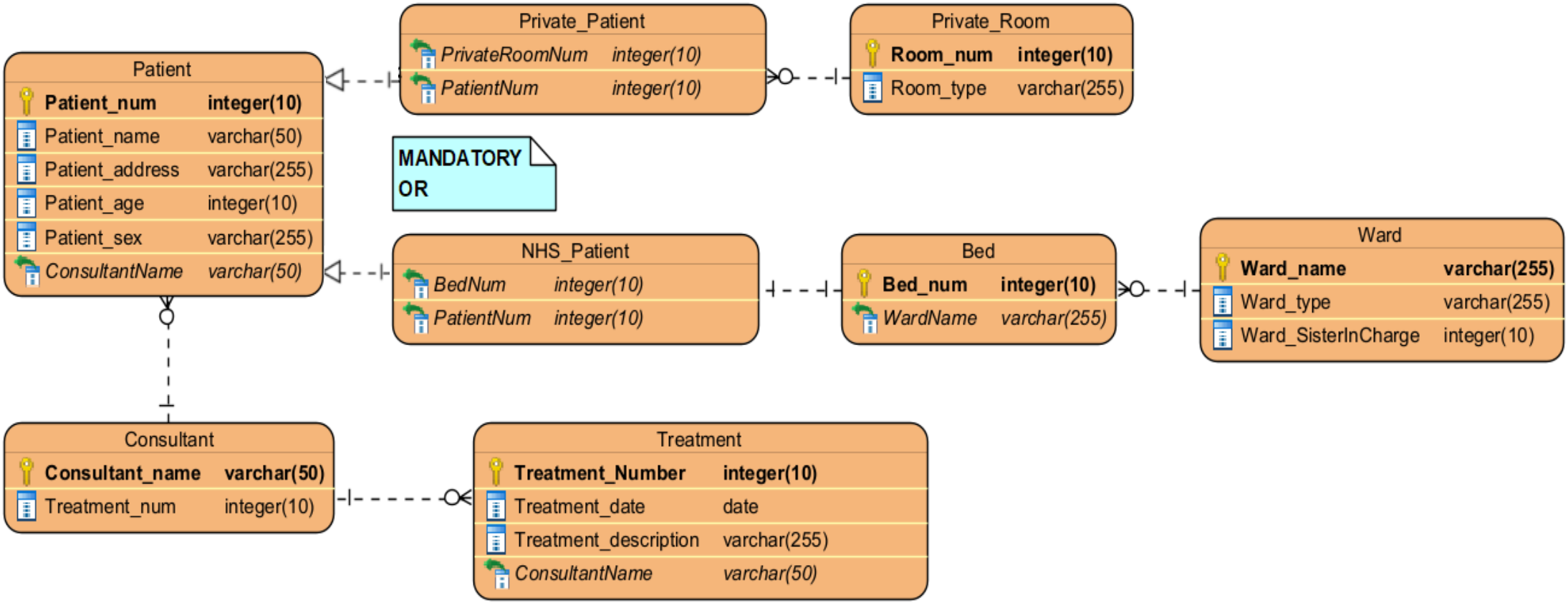
ER Modelling Exercise – Hospital



Patient (Patient_num, Patient_name, Patient_address, Patient_age, Patient_sex, ConsultantName)

- **Primary Key**: Patient_num
- **Foreign Key**: ConsultantName REFERENCES Consultant(Consultant_name)

Consultant (Consultant_name, Treatment_num)

- **Primary Key**: Consultant_name
- **Foreign Key**: Treatment_num REFERENCES Treatment(Treatment_Number)

Treatment (Treatment_Number, Treatment_date, Treatment_description, ConsultantName)

- **Primary Key**: Treatment_Number
- **Foreign Key**: ConsultantName REFERENCES Consultant(Consultant_name)

Private_Patient (PrivateRoomNum, PatientNum)

- **Primary Key**: PrivateRoomNum
- **Foreign Key**: PatientNum REFERENCES Patient(Patient_num)

Private_Room (Room_num, Room_type)

- **Primary Key**: Room_num

NHS_Patient (BedNum, PatientNum)

- **Primary Key**: BedNum
- **Foreign Key**: PatientNum REFERENCES Patient(Patient_num)

Bed (Bed_num, WardName)

- **Primary Key**: Bed_num
- **Foreign Key**: WardName REFERENCES Ward(Ward_name)

Ward (Ward_name, Ward_type, Ward_SisterInCharge)

- **Primary Key**: Ward_name